

# Rezoning Transportation Analysis

Petition Number: 2020-162

General Location Identifier: Tax ID 03304611

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**Reviewer:**

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## Revision Log:

Date	Description
12-28-20	First Review (EL)
1-21-21	Second Review (EL)
02-24-21	Third Review (LJ)

## General Review Information

The petition is located near the intersection of Mount Holly-Huntersville Road (State-maintained, major thoroughfare) and Brookshire Boulevard (State-maintained, class II limited access arterial). The petition is in the Brookshire/I-485 corridor and is outside Route 4. Applicable area plans include the I-485 Interchange Analysis and the Brookshire Boulevard/I-485 Area Plan.

## Active Projects Near the Site:

- Brookshire Blvd and Mount Holly-Huntersville Road Intersection Improvements (NCDOT TIP# U-6084)
  - Project status: In-construction

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CDOT's review of this rezoning petition is intended to provide consistency with council adopted policies, plans, standards and guidelines including, but not limited to, the [Transportation Action Plan \(TAP\)](#), [Vision Zero](#), [Urban Street Design Guidelines \(USDG\)](#), [Center, Corridor and Wedges](#), [Charlotte BIKES](#), [Traffic Impact Study Guidelines](#) and [Charlotte WALKS](#). With a commitment to design complete streets, this review is to ensure that the City's transportation network supports current and future land uses and includes streets that provide safe and comfortable mobility for motorists, pedestrians, bicyclists, and transit users.

This document is primarily for communication to Planning Department staff as part of the overall City staff analysis of the rezoning petition and includes an overall summary of the case from a transportation perspective, information on trip generation, and resolved or outstanding site plan concerns. Additional advisory information about the driveway permit process is provided for information only.

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Based on our review of the petition, we offer the following information for your consideration.

## Transportation Summary

The site is located on a class II limited access arterial road [Brookshire Boulevard] maintained by the State. The previous rezoning petition 2016-128 on this site required a TIS, and all required improvements have been constructed. The Petitioner has removed the right-out-only driveway and committed to meet ordinance requirements for planting strip and sidewalk improvements that front the proposed rezoning extents. All outstanding CDOT comments have been successfully resolved.

## Trip Generation

Scenario	Land Use	Intensity	Trip Generation (vehicle trips/day)	Source
Existing Use	Vacant	-	-	-

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Entitlement with Current Zoning	Mixed Use/Retail	As allowed under current zoning	-	RZ 2016-128
Proposed Zoning	Retail Retail	8,000 SF 60,000 SF	4,625	Site Plan: 10-07-20

Provide comments to the specified comments below.

## Outstanding Issues

**Strikethrough = Resolved**

### 1. ~~Traffic Study:~~

~~A Traffic Impact Study is not necessary for the complete review of this petition due to a previous TIS being conducted for petition 2016-128 including this site. All improvements from that TIS have been constructed and mitigate this updated rezoning as well.~~

2. **Resolved:** ~~Outstanding (site plan dated 1-11-21) Revise site plan and conditional note(s) to remove the proposed right-out only driveway on the privately maintained Corning Place, due to the proximity to the public street intersection with Sugar Magnolia Drive. This access was not proposed or approved within the original rezoning petition: 2016-128.~~

3. **Resolved:** ~~Outstanding (site plan dated 1-11-21) Revise site plan and conditional note(s) to show the required planting strip and sidewalk along both parcel road frontages, as approved within approved rezoning petition 2016-128. If the planting strip and sidewalks already exist or were recently constructed, please call-out all streetscape features that are existing.~~

4. ~~A site plan note(s) specifying dedication and fee simple conveyance of all rights-of-way to the City before the site's first building certificate of occupancy is issued is needed. CDOT requests rights-of-way set at 2' behind back of sidewalk where feasible.~~

5. ~~A site plan note specifying that all transportation improvements will be approved and constructed before the site's first building certificate of occupancy is issued is needed. The petitioner may phase transportation improvements if said improvements and phasing are explicitly described in site plan notes.~~

## Advisory Information

The following are requirements of the developer that must be satisfied prior to driveway permit approval. These requirements shall be reflected on the rezoning plan, as appropriate.

1. CDOT has the authority to regulate/approve all private street/driveway and public street connections to the right-of-way of a street under the regulatory jurisdiction of the City of Charlotte, per the City of Charlotte's Driveway Regulations.
2. Adequate sight triangles must be reserved at the existing/proposed street entrance(s). Two 35' x 35' sight triangles (and two 10' x 70' sight triangles on NCDOT-maintained streets) are required for the entrance(s) to meet requirements. All proposed trees, berms, walls, fences, and/or identification signs shall not interfere with sight distance at the entrance(s) and shall be identified on the site plan.
3. The proposed driveway connection(s) to public streets will require a driveway permit(s) to be submitted to CDOT (and NCDOT on NCDOT-maintained streets) for review and approval. The exact driveway location(s) and type/width of the driveway(s) will be determined by CDOT during the driveway permit process. The locations of the driveway(s) shown on the site plan are subject to change in order to align with driveway(s) on the opposite side of the street and comply with City Driveway Regulations and the City Tree Ordinance.

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4. All proposed commercial driveway connections to a future public street will require a driveway permit submitted to CDOT for review and approval.
5. Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.
6. A Right-of-Way Encroachment Agreement is required for the installation of any non-standard item(s) (irrigation systems, decorative concrete pavement, brick pavers, etc.) within a proposed/existing City-maintained street right-of-way by a private individual, group, business, or homeowner's/business association. An encroachment agreement must be approved by CDOT prior to construction/installation. Contact CDOT for additional information concerning cost, submittal, and liability insurance coverage requirements.
7. The petitioner needs to complete and submit the [Right of way Abandonment Petition form](#) to CDOT for review. The decision of this rezoning petition does not correlate with the decision of the possible abandonment, as this decision is issued within the separate Right of Way Abandonment process that is controlled by North Carolina General Statutes.
8. To attain a street and pedestrian lighting recommendation, the petitioner should coordinate with Anthony Mendez, CDOT. Please visit the following link:  
<https://charlottenc.gov/Transportation/Programs/Pages/StreetLighting.aspx>